Please type a plus sign (+) inside this box → [ ]

UTILITY
PATENT APPLICATION
TRANSMITTAL
(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.:	CM03359J
First Inventor:	ROBERT E. STENGEL
Title:	DELAY LOCKED LOOP SYNTHESIZER WITH MULTIPLE OUTPUTS AND DIGITAL MODULATION
Express Mail Label No.:	EL 872865516 US

APPLICATION ELEMENTS
See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

1. [X] Fee Transmittal Form in duplicate
   (Submit an original and a duplicate for fee processing)
2. [ ] Applicant claims small entity status
   See 37 CFR 1.27
3. [X] Specification [Total Pages [47]]
   (preferred arrangement set forth below)
   -Descriptive title of the invention
   -Cross Reference to Related Applications
   -Statement Regarding Fed sponsored R&D
   -Reference to sequence listing, a table,
      or a computer program listing appendix
   -Background of the Invention
   -Brief Summary of the Invention
   -Brief Description of the Drawings (if filed
   -Detailed Description
   -Claim(s)
   -Abstract of the Disclosure

4. [X] Drawing(s) (35 U.S.C. 113) [Total Sheets [13]]
5. [ ] Oath or Declaration [Total Pages [ ]]

   a. [X] Newly executed (original or copy)
   b. [ ] Copy from a prior application (37 CFR 1.63(d))
      (for continuation/ divisional with Box 18 completed)

      i. [ ] DELETION OF INVENTOR(S)
      Signed statement attached deleting inventor(s) named in the
      prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6. [X] Application Data Sheet under 37 CFR 1.76

7. [ ] CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. [ ] Nucleotide and/or Amino Acid Sequence (if applicable, all necessary)
   a. [ ] Computer Readable Form (CFR)
   b. [ ] Specification Sequence Listing on:
      i. [ ] CD-ROM or CD-R (2 copies);
      ii. [ ] or paper
   c. [ ] Statements verifying identify of above copies

ACCOMPANYING APPLICATION PARTS

9. [X] Assignment Papers (cover sheet & document(s))
10. [ ] 37 CFR 3.73(b) Statement [ ] Power of
    (when there is an assignee)   Attorney
11. [ ] English Translation Document (if applicable)
12. [ ] Information Disclosure [ ] Copies of IDS
    Statement (IDS)/PTO-1449   Citations
13. [ ] Preliminary Amendment
14. [X] Return Receipt Postcard (MPEP 503)
    (Should be specifically itemized)
15. [ ] Certified Copy of Priority Document
    (if foreign priority is claimed)
16. [ ] Nonpublication Request and Certification
    under 35 .U.S.C. 122(b)(2)(B)(i). Applicant
    must attach form PTO/SB/35 or its equivalent
17. [ ] Other: _____

18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

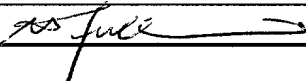[ ] Continuation [ ] Divisional [ ] Continuation-in- Part (CIP) of Prior Appl. No. [ ]

Prior Appl. information: Examiner: [ ] Group/Art Unit: [ ]

19. CORRESPONDENCE ADDRESS

[X] Customer Number or Bar Code Label   [ ]   o r [ ] Correspondence address below

Name	
Address	
City	State / Zip Code
Country	U.S.A.	Telephone	(954) 723-6449	Fax	(954) 723-5599
Name	Andrew S. Fuller		Registration Number (Attorney/Agent)	37,328

SIGNATURE _(signature)_   Date January 16, 2002

FEE TRANSMITTAL
for FY 2002
Patent fees are subject to annual revision

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT	($) 2868.00

Complete if Known

Application No.	
Filing Date	
First Named Inventor	ROBERT E. STENGEL
Examiner Name	
Group Art Unit	
Attorney Docket No.	CM03359J

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account

Deposit Account Number	50-0757
Deposit Account Name	Motorola, Inc.

The Commissioner is hereby authorized to: (check all that apply)
☒ Charge fee(s) indicated below   ☒ Credit any overpayment
☒ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, **except for the filing fee** to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code	Large Entity Fee $	Small Entity Fee Code	Small Entity Fee $	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	740
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	
				SUBTOTAL (1)	($) 740

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Extra Claims		Fee from below		Fee Paid
Total Claims	80	-20* =	60	x 18 =	1080.00
Independent Claims	15	-3* =	12	x 84 =	1008.00
Multiple Dependent				280	

Large Entity Fee Code	Large Entity Fee $	Small Entity Fee Code	Small Entity Fee $	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent
			SUBTOTAL (2)	($) 2088.00

**or number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code	Large Entity Fee ($)	Small Entity Fee Code	Small Entity Fee ($)	Fee Description	Fee Paid
105	130	205	65	Surcharge – late filing fee or oath	
127	50	227	25	Surcharge – late Provisional filing	
139	130	139	130	Non-English specification	
147	2520	147	2520	For filing a request for ex parte Reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1840*	113	1840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1440	218	720	Extension for reply within fourth month	
128	1960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1510	138	1510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1280	241	640	Petition to revive - unintentional	
142	1280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	123	50	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of IDS	
581	40	581	40	Recording each patent assignment per property (times number of properties)	40
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Pd

SUBTOTAL (3)	$ 40

SUBMITTED BY

Name (Print)	Andrew S. Fuller
Signature	

Complete (if applicable)

Registration No. (Attorney/Agent)	37,328
Telephone:	(954) 723-6449
Date	January 16, 2002